

## CLAIMS:

1. A reflector lamp (1, 51) with a reflector (2, 52), with a lamp base (3, 53), with a halogen burner (4, 45), and with a cap (6, 56) which envelops the halogen burner (4, 54) at least partly and is retained by a bracket (7, 57) which extends as a bridge from one side of the reflector to the other, characterized in that the halogen burner (4, 54) is enveloped by a glass bulb (5, 55).  
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2. A reflector lamp as claimed in claim 1, characterized in that the glass bulb (5, 55) has a reflection layer (40).
- 10 3. A reflector lamp as claimed in claim 1, characterized in that the glass bulb (5, 55) has a layer (40) which is impermeable to light.
4. A reflector lamp as claimed in one or several of the preceding claims 1 to 3, characterized in that a bottom (21) of the glass bulb (5, 55) has an opening (22).  
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5. A reflector lamp as claimed in claim 1, characterized in that the lamp base (3, 53) has a cylindrical opening (10, 13, 59) with a step (12).
6. A reflector lamp as claimed in claim 5, characterized in that the lamp base (3, 53) comprises a spring.  
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7. A reflector lamp as claimed in one or several of the preceding claims 1 to 4, characterized in that the glass bulb (5, 55) comprises a bulge (16).
- 25 8. A reflector lamp as claimed in one or several of the preceding claims 1 to 4 and 7, characterized in that the glass bulb (5, 55) and the cap (6, 56) are at a distance from one another.

9. A reflector lamp as claimed in claim 8, characterized in that a spring is arranged between the glass bulb (5, 55) and the cap (6, 56).
10. A reflector lamp as claimed in one or several of the preceding claims 1 to 4 and 7 to 9, characterized in that the glass bulb (5, 55) is at least partly surrounded by the cap (6, 56).
11. A reflector lamp as claimed in claim 1, characterized in that the halogen burner (4, 54) comprises two mutually opposed pinched ends (24, 25).
12. A reflector lamp as claimed in claim 11, characterized in that an electrical return lead (30) of the halogen burner (4, 54) comprises a locking means.
13. A reflector lamp as claimed in claim 1 and/or 11, characterized in that the halogen burner (4, 54) has an IR coating.